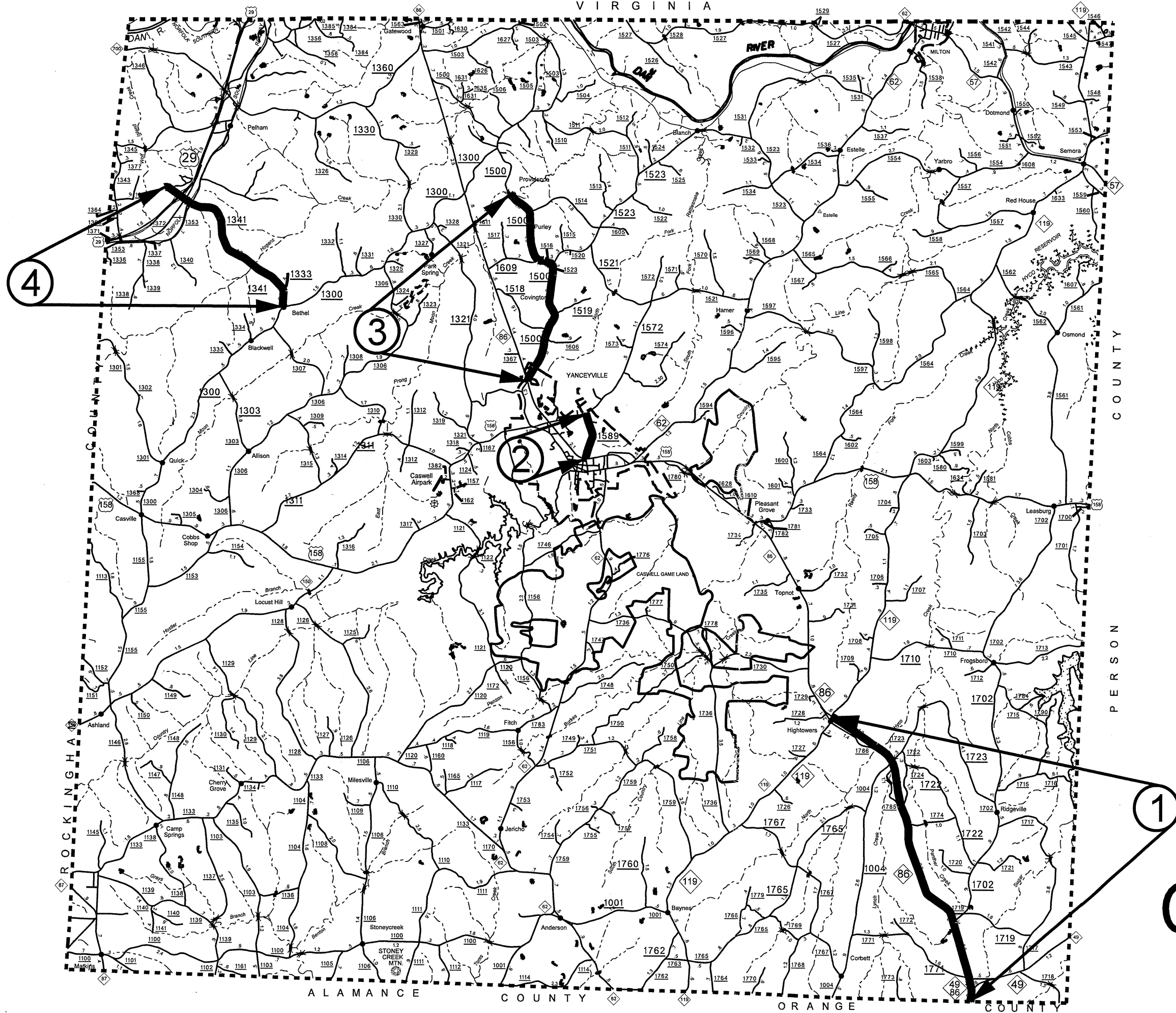


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.28, ETC.	1	
F.A. PROJ. NO.			

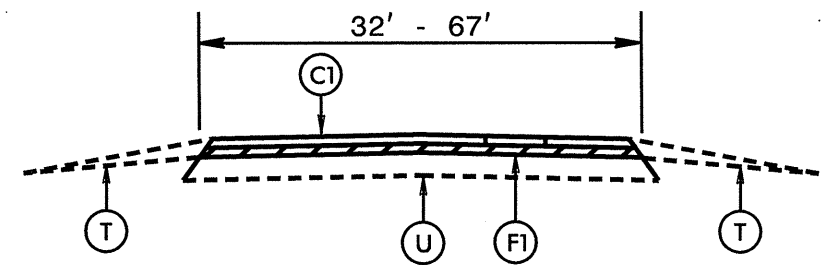
7CR.10171.28
 7CR.20171.28
 7.101712



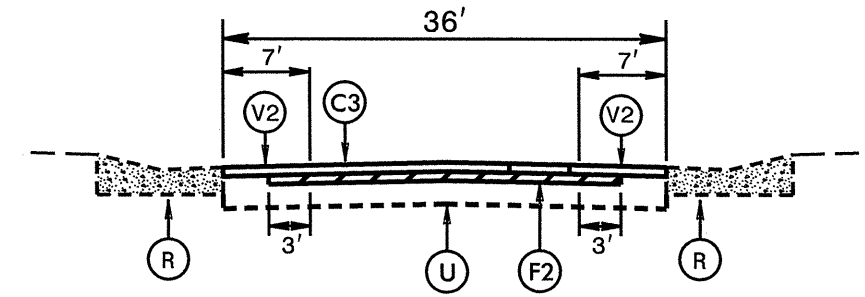
CASWELL COUNTY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.28, ETC	2	

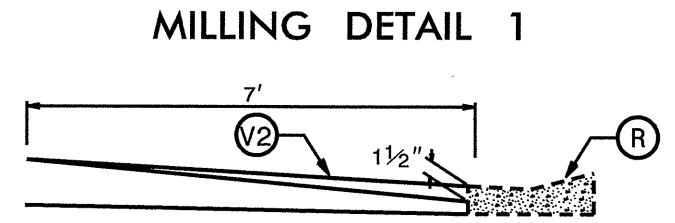
7CR.10171.28
7CR.20171.28
7.101712



TYPICAL SECTION NO. 1
TO BE USED ON MAP 1



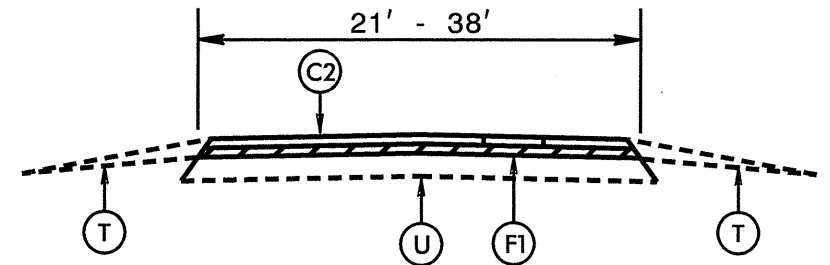
TYPICAL SECTION NO. 5
TO BE USED ON:
MAP 3 STA. 233+00 TO STA. 234+00



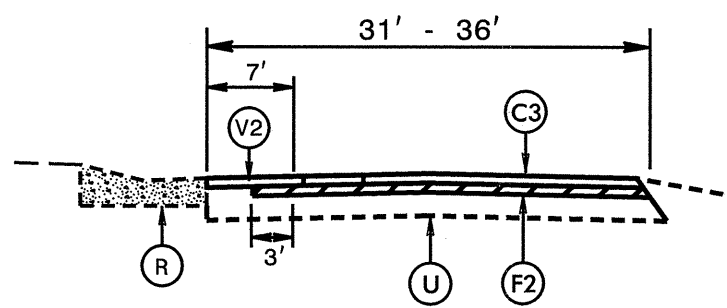
MILLING DETAIL 1

0 - 1 1/2" MILLING

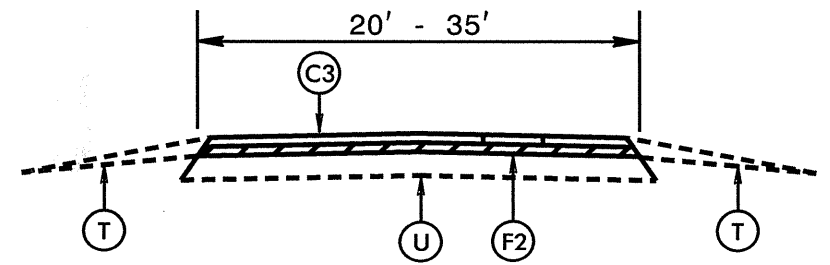
USE ON MAP 3 STA. 231+50 TO STA. 233+00 RT
USE ON MAP 3 STA. 233+00 TO STA. 234+00
USE ON MAP 3 STA. 234+00 TO STA. 235+10 LT



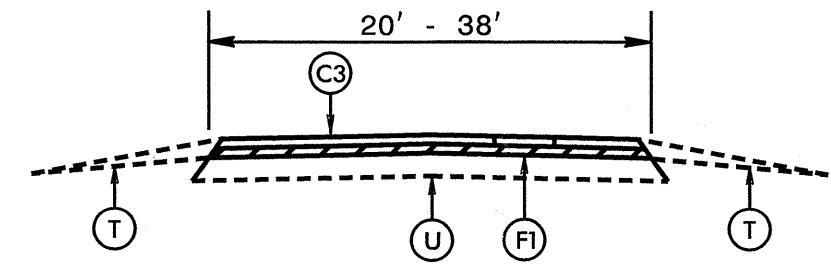
TYPICAL SECTION NO. 2
TO BE USED ON MAP 2



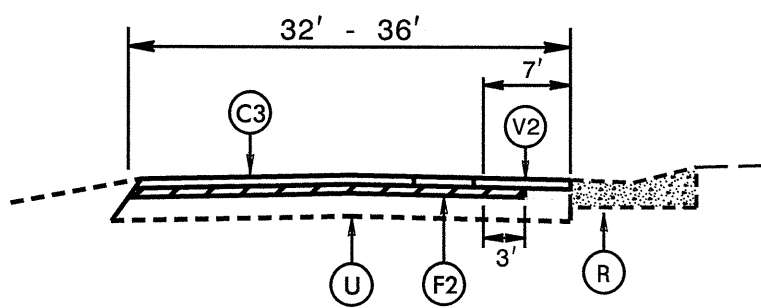
TYPICAL SECTION NO. 6
TO BE USED ON:
MAP 3 STA. 234+00 TO STA. 235+10



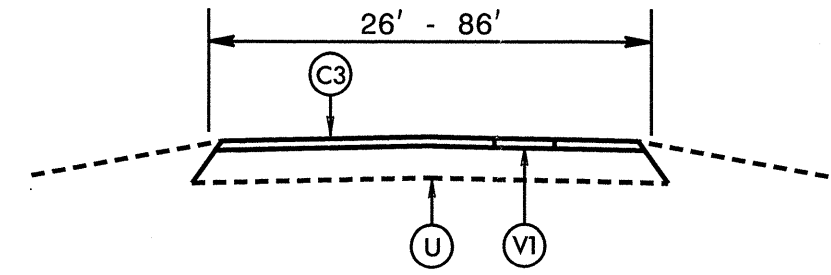
TYPICAL SECTION NO. 3
TO BE USED ON:
MAP 3 STA. 0+00 TO STA. 231+59



TYPICAL SECTION NO. 7
TO BE USED ON MAP 4
STA. 0+00 TO STA. 171+63



TYPICAL SECTION NO. 4
TO BE USED ON:
MAP 3 STA. 231+50 TO STA. 233+00



TYPICAL SECTION NO. 8
TO BE USED ON MAP 4
STA. 171+63 TO STA. 201+31

PAVEMENT SCHEDULE

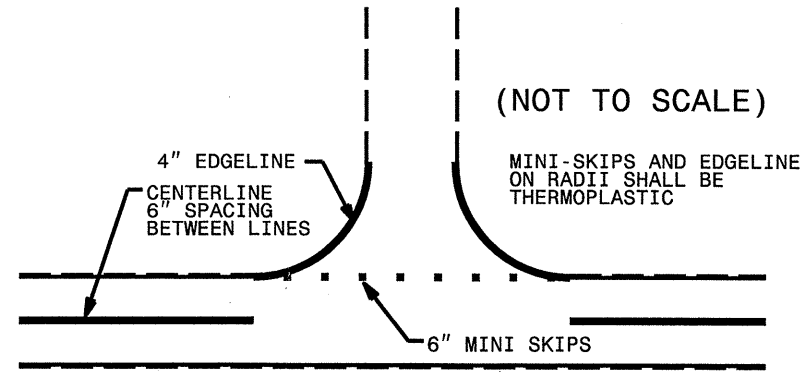
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
F1	AST MAT COAT, 78M
F2	AST MAT COAT, 67 STONE
R	EXISTING EXPRESSWAY GUTTER
U	EXISTING PAVEMENT.
T	INCIDENTAL STONE BASE IN LOW SHOULDER AREAS, AS DIRECTED BY THE ENGINEER.
V1	1 1/2" MILLING
V2	0 - 1 1/2" MILLING

\$\$\$\$\$USERNAME\$\$\$\$\$

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10171.28, ETC	3	

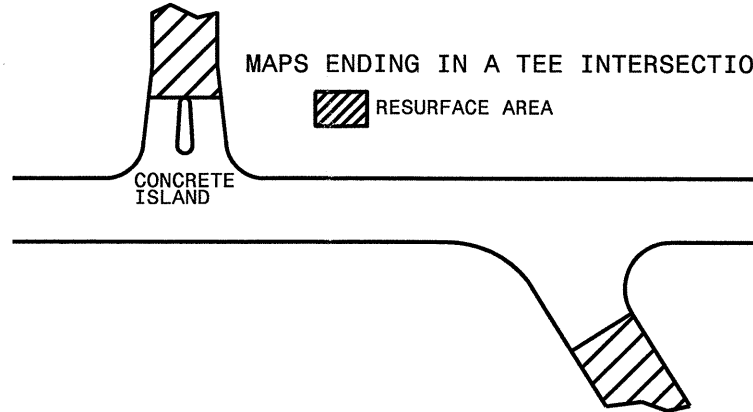
7CR.10171.28
7CR.20171.28
7.101712

TO BE USED AT ALL
NON-SIGNALIZED INTERSECTIONS



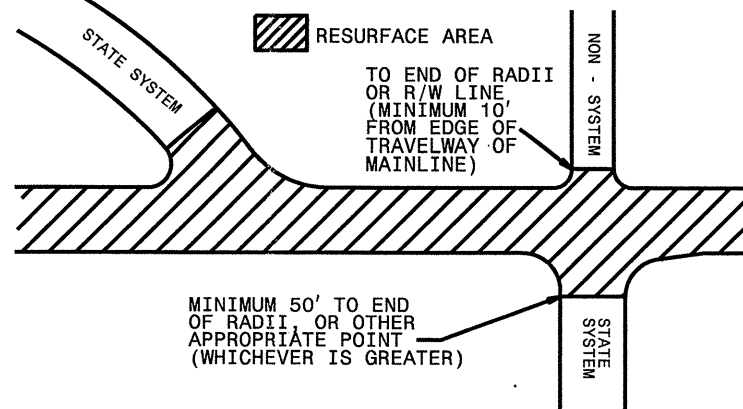
NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

PAVING DETAIL 1
MAIN LINE IS NOT BEING RESURFACED



PAVING DETAIL 2
MAIN LINE IS BEING RESURFACED

NOTE: NON-SYSTEM (CITY STREET, PRIVATE DRIVE, SCHOOL BUS DRIVE)



PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1¼" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
F1	AST MAT COAT, 78M
F2	AST MAT COAT, 67 STONE
R	EXISTING EXPRESSWAY GUTTER
U	EXISTING PAVEMENT.
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.
V1	1½" MILLING
V2	0 - 1½" MILLING

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.28, 7CR.20171.28 7.101712,	4	

SUMMARY OF QUANTITIES

PROJECT NO.	COUNTY	MAP NO.	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH	WIDTH	INCIDENTAL STONE BASE	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH	MILLING ASPHALT PAVEMENT, 0" TO 1 1/2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64 22	AST MAT COAT 78M	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE			
NO		NO			NO		MI	FT	TONS	SY	SY	SY	TONS	TONS	TONS	SY	SY			
7CR.10171.28	Caswell	1	1 NC 86	FROM NC 119 TO ORANGE COUNTY LINE	1	NO	0.627	32	1,227			533	1,013		61	11,771				
				(BRIDGE #40) - DO NOT PAVE	1	NO	0.036	32												
								1	NO	0.339	32				267	537		32	6,364	
								1	NO	0.034	32-44					64		4	758	
								1	NO	0.031	44					147		9	800	
								1	NO	0.026	32-44					49		3	580	
								1	NO	0.893	32					1,414		85	16,765	
								1	NO	0.025	32-44					147		9	557	
								1	NO	0.026	32-44					49		3	580	
								1	NO	0.205	32-37					350		21	4,149	
								1	NO	0.022	32-37					58		3	445	
								1	NO	3.896	32					6,456		387	73,141	
								1	NO	0.04	32-40					71		4	845	
								1	NO	0.027	40-46					57		3	681	
								1	NO	0.029	46-50					139		8	817	
								1	NO	0.003	50-52					34		2	90	
								1	NO	0.008	52-60					48		3	263	
								1	NO	0.027	60-67					85		5	1,006	
								1	NO	0.011	59-67					34		2	407	
								1	NO	0.013	45-47					30		2	351	
								1	NO	0.034	38-45					70		4	828	
				1	NO	0.027	32-38					47		3	554					
				1	NO	0.11	32				267	174		10	2,065					
TOTAL FOR MAP NO. 1							6.489		1,227			1,067	11,073	663	123,817					
TOTAL FOR PROJ NO. 7CR.10171.28							6.489		1,227			1,067	11,073	663	123,817					
7CR.20171.28	Caswell	2	1 SR 1589 (FIRE TOWER RD)	FROM NC 86 TO JOINT @ SR 1572 (COUNTY HOME RD)	2	NO	0.01	24-38	92					13	1	182				
					2	NO	0.009	21-24							8	1	119			
					2	NO	0.951	21							829	54	11,716			
		TOTAL FOR MAP NO. 2							0.97		92				850	56	12,017			
		3	1 SR 1500 (OLD NC 86)	FROM NC 86 TO CONCRETE BRIDGE (#111)	3	NO	0.027	20-35	930				229		36	2		436		
					3	NO	4.32	20							4,508	293		50,688		
					3	NO	0.029	20-23							30	2		366		
					3	NO	0.008	23-32							11	1		129		
					4	NO	0.023	32-33					94		36	2		439		
					4	NO	0.006	33-36					25		10	1		121		
	5	NO	0.019	36					156		33	2		401						
	6	NO	0.021	31-36					86	279	34	2		413						
TOTAL FOR MAP NO. 3							4.453		930		361	508	4,698	305	52,993					
7CR.20171.28	Caswell	4	1 SR 1341 (LAW RD) (BRIDGE #41)	FROM SR 1300 (PARKS SPRINGS RD) TO EOP	7	NO	1.226	20.5	554			342	1,244	81	14,745					
				(BRIDGE #41) - DO NOT PAVE	7	NO	0.023	20.5												
					7	NO	1.974	20.5-21					173		1,999	130	24,088			
					7	NO	0.028	21-38					246		40	3	485			
				(DO NOT PAVE (OLD US 29 INTERSECTION))		NO	0.04	38-44												
					8	NO	0.019	33-44				429			36	2				
					8	NO	0.031	33				600			50	3				
					8	NO	0.029	33-42				638			53	3				
					8	NO	0.037	46				999			83	5				
					8	NO	0.013	46-72				450			37	2				
					8	NO	0.016	75-86				756			127	8				
					8	NO	0.018	46-86				697			58	4				
					8	NO	0.018	34-46				422			35	2				
					8	NO	0.013	34				259			21	1				
					8	NO	0.015	48-54				449			37	2				
	8	NO	0.029	44-46				766			63	4								
	8	NO	0.054	46																
	8	NO	0.03	46				810			67	4								
	8	NO	0.016	48				451			37	2								
	8	NO	0.056	35-40				1,232			102	7								
	8	NO	0.127	26-43				2,571			241	16								
TOTAL FOR MAP NO. 4							3.812		554	11,529	361	761	4,330	279	39,318					
TOTAL FOR PROJ NO. 7CR.20171.28							9.235		1,576	11,529	361	1,269	9,878	640	51,335	52,993				
7.101712	Caswell	1	NC 86	FROM NC 119 TO ORANGE COUNTY LINE		NO	**	32												
TOTAL FOR MAP NO. 1							0													
TOTAL FOR PROJ NO. 7.101712							0													
GRAND TOTAL							15.724		2,803	11,529	361	2,336	11,073	9,878	1,303	175,152	52,993			

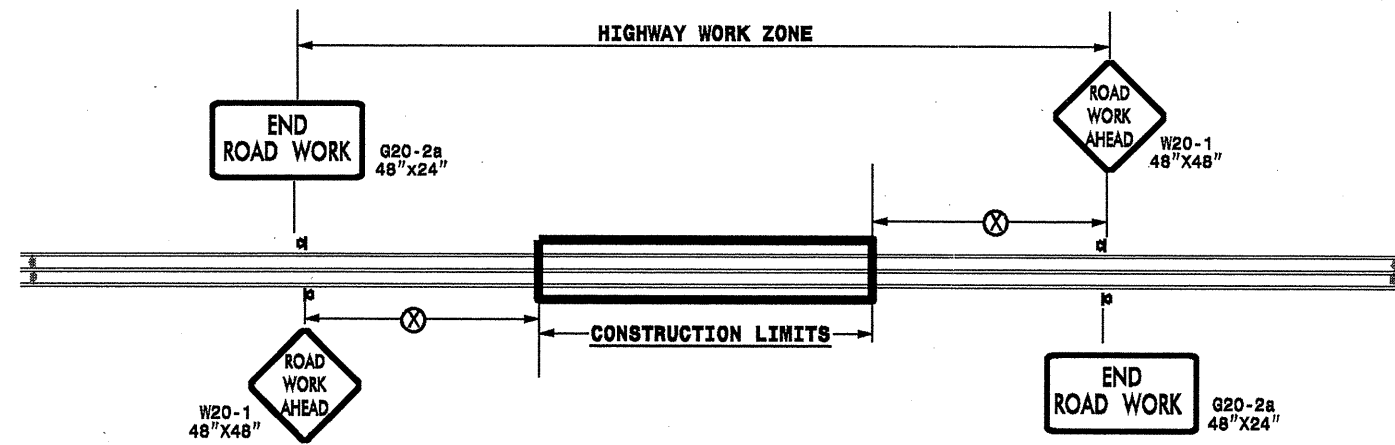
** = SNOWPLOWABLE MARKERS distance was calculated in MAP 1(NC 86) on previous sheet.

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10171.28, 7CR.20171.28 7.101712,	5	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E		4686000000-E		4690000000-E	4695000000-E	4710000000-E	4721000000-E	4725000000-E		4810000000-E		4905000000-N							
					4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	6" X 120 M WHITE THERMO	8" X 90 M YELLOW THERMO	24" X 120 M WHITE THERMO	THERMO MSG SCHOOL 120 M EA	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	4" WHITE PAINT	4" YELLOW PAINT	SNOW PLOWABLE MARKERS							
					LF	LF	LF	LF	LF	LF	LF		EA	EA	EA	EA	EA							
7CR.10171.28	Caswell	1	1 NC 86	FROM NC 119 TO ORANGE COUNTY LINE	68,520	280	40,981	587	320	150	25		4	3										
				TOTAL FOR MAP NO. 1	68,520	280	40,981	587	320	150	25		4	3										
				TOTAL FOR PROJ NO. 7CR.10171.28	68,520	280	40,981	587	320	150	25		4	3										
					68,800		41,568								7									
				7CR.20171.28	Caswell	2	1 SR 1589 (FIRE TOWER RD)	FROM NC 86 TO JOINT @ SR 1572 (COUNTY HOME RD)	225				62		100	12			20,275	20,500				
								TOTAL FOR MAP NO. 2					62		100	12			20,275	20,500				
								3	1 SR 1500 (OLD NC 86)	FROM NC 86 TO CONCRETE BRIDGE (#111)	525				166						93,515	76,344		
										TOTAL FOR MAP NO. 3	525				166						93,515	76,344		
				7CR.20171.28	Caswell	4	1 SR 1341 (LAW RD) (BRIDGE #41)	FROM SR 1300 (PARKS SPRINGS RD) TO EOP (BRIDGE #41) - DO NOT PAVE	600				78			10		80,012	71,336					
								(DO NOT PAVE (OLD US 29 INTERSECTION))																
TOTAL FOR MAP NO. 4	600								78			10		80,012	71,336									
TOTAL FOR PROJ NO. 7CR.20171.28	1,350								306			100	12	10	10	80,012	71,336	193,802	168,180					
					1,350							10		361,982										
7.101712	Caswell	1	NC 86	FROM NC 119 TO ORANGE COUNTY LINE													430							
				TOTAL FOR MAP NO. 1														430						
				TOTAL FOR PROJ NO. 7.101712														430						
GRAND TOTAL					69,870	280	40,981	587	626	150	125	12	14	3	193,802	168,180	430							
					70,150		41,568						17		361,982									

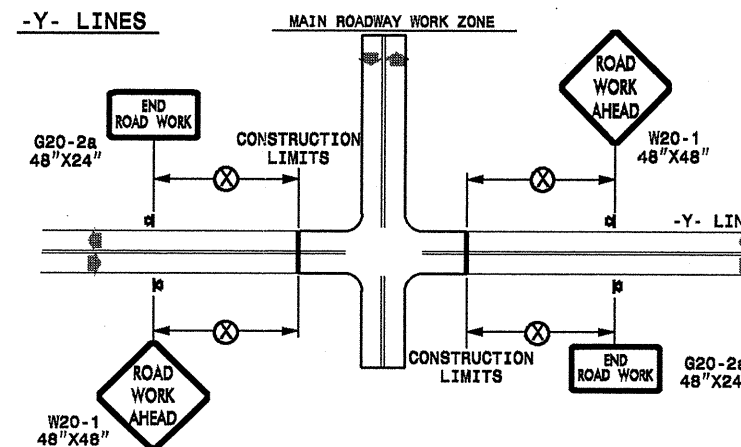
TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

- ◀ PORTABLE SIGN
- ➔ DIRECTION OF TRAFFIC FLOW

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

SHEET 1 OF 1

23-AUG-2010 2:08 PM C:\202626A-C-7.101712x3.2wayundivurbfrwysuly2006.por table.dgn paeymore AT WZTC337502

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SEAL 	SCALE: NONE		REVISIONS
	DATE: 7-98		10/01
	DWG. BY:		10-98 03/04
	DESIGN BY:		01/01 11/04
REVIEWED BY:		CAP	